

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	4172	(347/85 or 347/86)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/13 13:58
L4	838	(347/85 or 347/86) and (bag or sack)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/13 12:12
L5	1	10/773178	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/13 13:58
S1	2	"20020001009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 07:44
S3	49	("6276788" "4760409" "4636814" "6164744" "4901094" "10109426" "60131248" "3405165" "3644095" "1125748" "0355313" "0725166" "60131248" "0639161" "1178045" "0184456").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 14:25
S4	20	"502360"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 07:51
S5	17	"5023600"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 07:51
S6	9	("1125748").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 07:52
S7	2	"6431760"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 07:53

## EAST Search History

S8	4	"6431670"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 07:53
S9	0	"30131248"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:31
S10	1	"60131248"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:31
S11	2359876	bag or flexible or package	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:41
S12	34594	"347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:33
S13	1661919	electrode\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:33
S14	1384704	insulator or insulating or insulates or insulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:33
S15	4707191	S11 S12 S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:37

## EAST Search History

S16	1522	S11 S12 S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 08:40
S17	634	S11 S12 S13 with S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 08:39
S18	415574	bag or (flexible with (package or cartridge or recess or reservoir))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:02
S19	685038	S12 S18 S13 with S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 08:45
S20	81	S12 S18 S13 with S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 09:02
S21	2	"20040178106"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 15:00
S22	503852	bag or (flexible with (wall or walls or reservoir))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/14 09:02
S23	75	S12 S22 S13 with S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 09:10

## EAST Search History

S24	45	"347"/\$3 and electrodes with (needle or tube or tubular or cylinder or cylindrical or hollow) same insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 09:27
S25	2	"347"/\$3 and electrodes with insulat\$3 with (flexible near package or bag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:50
S26	3	"06039161"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/14 09:40
S28	24	"0184456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:39
S29	3	"0184456" and EP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:42
S30	5173	electrode\$1 with (insulator or insulating or insulated or insulate) with diameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:42
S31	48	electrode\$1 with (insulator or insulating or insulated or insulate) with diameter and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:43
S32	4	"2002001009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:44

## EAST Search History

S33	2	"20020001009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:48
S34	35	"347"/\$3 and electrodes with insulat\$3 with (passage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/15 07:51
S35	3	"06039161"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/28 11:44
S36	4	"5805186"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/28 11:45
S37	2	"20020001009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/28 11:45
S38	0	("6276788" "4760409" "4636814" "6164744" "4901094" "10109426" "60131248" "3405165" "3644095" "1125748" "0355313" "0725166" "60131248" "0639161" "1178045" "0184456")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/12/28 11:46
S39	49	("6276788" "4760409" "4636814" "6164744" "4901094" "10109426" "60131248" "3405165" "3644095" "1125748" "0355313" "0725166" "60131248" "0639161" "1178045" "0184456").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:32
S40	2	"20040178106"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 12:50

## EAST Search History

S41	91	"347"/\$3 and electrode near support\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:12
S42	91	"347"/\$3 and (electrode near support\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:20
S43	20	"347"/\$3 and (electrode\$1 near support\$3) with (pair or two)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 12:51
S44	380	"347"/\$3 and electrode with (cartridge or container)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:12
S45	841	"347"/\$3 and (electrode with support\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:20
S46	750	"347"/\$3 and (electrode with support\$3) not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:20
S47	14	"347"/\$3 and (electrode with support\$3) same (cartridge or container) not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:21
S48	29	"347"/\$3 and (electrode\$1 with support\$3) same (cartridge or container) not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 14:21
S49	1	1985-210635.NRAN.	DERWENT	AND	OFF	2005/12/28 14:30

## EAST Search History

S50	729	(347/86 or 347/85) and electrode\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 15:23
S51	106	(347/86 or 347/85) and electrode\$1 with (support\$3 or hold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/28 15:23
S52	16	("4524365"   "4734718").PN. OR ("4901094").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/28 15:33
S53	48	("4202267"   "4568954"   "4719475").PN. OR ("4760409"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/28 15:32
S54	55	("4178595"   "4187511"   "4342042"   "4432005"   "4475116").PN. OR ("4636814"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/28 15:32
S55	0	(S53 and S54 and "21") and electrode\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/28 15:33
S56	38	(S53 or S54 or S55) and electrode\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/28 15:34
S57	10	(S53 or S54 or S55) and electrode\$1 same (close\$3 or plug\$4 or stop\$4)	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/29 08:08
S58	48	("4202267"   "4568954"   "4719475").PN. OR ("4760409"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/29 08:08
S59	55	("4178595"   "4187511"   "4342042"   "4432005"   "4475116").PN. OR ("4636814"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/29 08:08
S60	0	(S58 and S59 and "21") and electrode\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/29 08:08
S61	18	(S58 or S59 or S60) and electrode\$1 same (close\$3 or plug\$4 or stop\$4 or support\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2005/12/29 08:27
S62	2	"20020001009" "06039161"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/19 08:22

## EAST Search History

S63	3	"20020001009" "06039161"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/06/08 07:40
S64	3767	347/85 or 347/86	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/19 08:30
S65	423	(347/85 or 347/86) and insulat\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/19 09:47
S66	1	"60131248"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/19 10:45
S67	3	"5805186"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/19 12:15
S68	16	"4901094"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/01/19 12:15
S69	2	"20020001009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 15:14
S70	6	("5087591" "5143577" "5482882"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/07 15:15
S71	761	(347/85 or 347/86) and bag	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/06/08 08:15
S72	2028	(347/85 or 347/86) and (bag or flexible)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/06/08 08:17
S73	32	09/931523 or 09/931420 or 09/931521 or 09/931313	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/06/08 08:16



## EAST Search History

S74	861	(347/85 or 347/86) and (bag or (flexible near (wall or side)))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:44
S75	1	10/773178	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:39
S76	104	morita.in. near yoshitsugu	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:39
S77	26	morita.in. near yoshitsugu and ink	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:41
S78	1	"20020001009"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:41
S79	779	(347/85 or 347/86) and electrodes	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 08:45
S80	64	(347/85 or 347/86) and electrodes same (bag or package or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 09:00
S81	64	(347/85 or 347/86) and electrodes same (bag or package or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 08:51
S82	10	("03055313" "07025166" "60131248" "06039161" "11078045" "0184456").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 08:59
S83	12	("03055313" "07025166" "60131248" "06039161" "11078045" "184456").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 08:52

## EAST Search History

S84	526	tektronix.as. and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 08:59
S85	10	tektronix.as. and ink and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:00
S86	2	"4568954".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:00
S87	0	(347/85 or 347/86) and (electric\$3 near prob\$3) same (bag or package or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 09:21
S88	9	(347/85 or 347/86) and (electric\$3 near prob\$3) and (bag or package or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/08 09:22
S89	9	(347/85 or 347/86) and (electric\$3 near prob\$3) and (bag or package or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:22
S90	14	(347/85 or 347/86) and (electric\$3 near prob\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:23
S91	96	("347"/\$3) and (electric\$3 near prob\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:24
S92	0	("347"/\$3) and (electric\$3 near prob\$3) same (bag or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:24

## EAST Search History

S93	22	("347"/\$3) and (electric\$3 near prob\$3) and (bag or (flexible with (walls or sides)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:24
S94	16	("347"/\$3) and (electric\$3 near probes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:25
S95	10032	("347"/\$3) and ((electric\$3 near probes) or electrodes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:25
S96	7006	("347"/\$3) and ((electric\$3 near probes) or electrodes) same (ink or cartridge or container or chamber or bag or walls)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 09:25
S97	5506	("347"/\$3) and ((electric\$3 near probes) or electrodes) with (ink or cartridge or container or chamber or bag or walls)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 10:33
S98	2	"20020140756"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 10:19
S99	183	("347"/\$3) and ((electric\$3 or electrodes) near (probe or probing or inside or held or extend\$3)) with (ink or cartridge or container or chamber or bag or walls)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 10:38
S100	58	("347"/\$3) and ((electric\$3 or electrodes) near (probe or probing or inside or held or extend\$3)) with (ink or cartridge or container or chamber or bag or walls) not (Piezo or piezo\$electric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 10:43

## EAST Search History

S10 1	103727	(cartridge or bag or container or recess or chamber) with (electrode or (electr\$3 near prob\$3))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/09 13:28
S10 2	2904	(cartridge or bag or container or recess or chamber) with (electrode or (electr\$3 near prob\$3)) and "347"/\$3	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/09 13:46
S10 3	1061	(cartridge or bag or container or recess or chamber) with (pair or two or second) with (electrode or (electr\$3 near prob\$3)) and "347"/\$3	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/09 14:24
S10 4	112	((cartridge or bag or container or recess or chamber) with (pair or two or second) with (electrode or (electr\$3 near prob\$3)) same (insulat\$3 or non\$conductive)) and "347"/\$3	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/09 14:27
S10 5	75	("4386929"   "4387833").PN. OR ("4568954").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/09 14:35
S10 6	40	((("4386929"   "4387833").PN. OR ("4568954").URPN.) and (electric\$2 or electrode)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/09 14:38
S10 7	4	((("4386929"   "4387833").PN. OR ("4568954").URPN.) and ((electric\$2 near prob\$3) or electrode)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/09 14:39
S10 8	1	10/773178	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/15 12:40
S10 9	832	(347/86 347/85 347/84) and electrode	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/15 12:40
S11 0	834	(347/86 347/85 347/84) and (electrode or (electrical near probe))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/15 12:42
S11 1	1	"6280024".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/21 14:15
S11 2	1	10/773178	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/21 13:41

## EAST Search History

S11 3	1	"4568954".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/22 07:45
S11 4	5	("6209980" "06328717" "54139533" "5070340" "4368478").pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/22 08:45
S11 5	6	("6540329" "6322187" "20020044187" "1125994" "4318114").pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/06/22 08:51
S11 6	7	("6540329" "6322187" "20020044187" "1125994" "4318114").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/22 08:51
S11 7	1	("6331039").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/22 08:51
S11 8	1	"20040032470"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/10/05 12:56
S11 9	1229	toner same ink and (laser same ink\$jet\$4)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/10/05 12:57
S12 0	603	toner same ink same (laser same ink\$jet\$4)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/10/05 12:57
S12 1	8	toner same ink same (laser same ink\$jet\$4) and MICR	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/10/05 12:58
S12 2	1116	(347/85 or 347/86) and (bag or sack or membrane)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/11 10:54
S12 3	1116	(347/85 or 347/86) and (bag or sack or membrane)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/13 12:07
S12 4	1569	(347/85 or 347/86) and (electrode or probe or electric)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/11 11:17

## EAST Search History

S12 5	199	(347/85 or 347/86) and (electrode or probe or electric) same (insulat\$3)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/11 12:07
S12 6	278	(347/85 or 347/86) and (electrode or probe or electric) same (insulat\$3 or plastic)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/13 07:14